

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
ESI-PRP Removal - Removal Polrep



US EPA RECORDS CENTER REGION 5



428846

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #46
Progress
ESI-PRP Removal
B5YS
Indianapolis, IN
Latitude: 39.9128600 Longitude: -86.2423680

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Ryan Groves, IDEM
Megan Nagle, IDEM
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 Valincia Darby, Department of Interior
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 Deirdre Wyatt, IDEM

From: Verrneta Simon, On-Scene Coordinator

Date: 3/6/2012

Reporting Period: 2/27/2012-3/2/2012

1. Introduction

1.1 Background

Site Number:	B5YS	Contract Number:	
D.O. Number:		Action Memo Date:	9/30/2010
Response Authority:	CERCLA	Response Type:	PRP Oversight
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/6/2011	Start Date:	4/6/2011
Demob Date:		Completion Date:	
CERCLIS ID:	INN0051050501	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Bankrupt Commercial Used Oils Facility

1.1.2 Site Description

See POLREP 1

1.1.2.1 Location

4910 West 86th Street, Indianapolis, Indiana 46268

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

See POLREP 1

2.1.2 Response Actions to Date

On February 27, 2012, Midwest pumped water accumulated in the east bunker tank into the west bunker tank.

- Midwest used a bulldozer to create a water runoff pathway from the clay mound east of the bunker tanks toward the driveway to prevent surface water from entering the east bunker tank.
- Midwest solidified sludge in the central solidification pit and preloaded one 20 cyd roll-off box
- Midwest and EQ moved EQ's remaining stockpile of solidification media to the northeast area.
- EQ finished decontaminating and demobilizing equipment including an excavator and two mix boxes
- EQ demobilized from the Site.
- The PRP Group submitted a revised Tank 51 work plan

On February 28, 2012, Midwest hauled off (2) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.

- Midwest solidified sludge in the central solidification pit and preloaded one 20 cyd roll-off box
- Midwest pumped water accumulated in the east bunker tank into the west bunker tank
- Midwest had virgin stone trucked in to make a "dump ramp" for trucks to use to dump ramp/fill material into the east bunker tank
- Midwest removed the large, central pipe that was between the bunker tanks.
- Midwest swept the driveway with a bobcat mounted with a sweeper attachment
- START and Trihydro used an excel visual basic function to generate 34 random numbers for the floor of Tank 51 and 25 for the wall
- The PRP Group addressed Ms. Kirchner's comments regarding the Tank 51 work plan in an email.
- The PRP Group indicated in an email that they were abandoning plans to use foundry sand as a fill material

On February 29, 2012, 0.5" of rain fell.

- Midwest moved northeast area storm sewer water into Tank 6.
- Midwest mobilized a skid steer
- START received sampling supplies to collect splits for 20% of Trihydro samples.
- The PRP Group reported an exceedance for benzene in their GAC discharge to Oil Creek.
- The PRP Group addressed OSC Simon's and Ms. Kirchner's comments regarding the Tank 51 work plan and posted a final version on the Project Direct website
- OSC Simon, US EPA representative Carol Staniec, IDEM representative Ryan Groves, PRP Group representative Steve Fleming, Trihydro representative Gary Risse, and START Jay Rauh participated in a conference call regarding proposed material to build ramps into the bunker tanks to access the remaining solidified sludge.
- The PRP Group proposed a plan to use sand as a ramp base up to or above the water table where it would be overlain with limestone gravel, and US EPA agreed that it was an acceptable approach.

On March 1, 2012, Midwest began backfilling the east bunker tank with sand.

- Midwest received 1,018 tons of sand in 51 loads.
- No solidified sludge was covered with sand.
- Midwest agreed to remove and dispose of ramp material that contacts solidified sludge
- Midwest moved water accumulated in the east bunker tank into the west bunker tank.
- Midwest moved northeast area storm sewer water into Tank 6
- Trihydro incorporated randomly generated Tank 51 numbers into a cad figure.

On March 2, 0.6" of rain fell during the day

- Midwest received 828 tons of limestone in 41 loads.
- Midwest received 185 tons of sand in 9 loads
- Midwest began constructing a ramp in the east bunker tank
- Midwest assisted Trihydro in gaining access to the GAC vessels by moving a fuel tank and disassembling the exterior insulation.
- Midwest excavated approximately four feet of soil from behind the center of the deflecting east bunker tank wall.
- Midwest moved northeast area storm sewer water into Tank 6
- Trihydro received a letter stating that the sand was from a single, virgin source
- Work was stopped twice due to lightning, dime-sized hail, and high winds.
- EQ was on site to retrieve a job trailer
- Siemens was on site to replace the GAC carbon.

The wood pulp and sawdust solidification materials are reclaimed/recycled products. As of March 2, 2012, approximately 15,250,000 pounds of wood pulp solidification media, 1,800 tons of sawdust solidification media have been used to solidify sludge. Additionally, 880 tons of lime solidification media and 45 tons of TerraBond solidification media had been used to solidify waste sludge

As of March 2, 1,203 tons of sand and 828 tons of limestone gravel had been placed into the east bunker tank to access the remaining solidified sludge.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

N/A

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Discharge	Treatment	Disposal
Oily Water	Liquid	4,471,416 gallons		X	
Stormwater	Liquid	437,356 gallons		X	
Tank 51 Containment	Liquid	452,051 gallons		X	
Totes and Drums	Liquid	13,310 gallons		X	
Solidified Sludge	Solid	27,200 cyd			X
Unsolidified Sludge	Liquid	200 cyd		X	
Treated Stormwater	Liquid	1,048,236 gallons	X		

2.2 Planning Section

2.2.1 Anticipated Activities

- Decide the final strategy regarding the east and west million gallon bunker tanks.
- Implement long term stormwater management plan.

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

U S EPA will provide oversight of PRP Group removal activities.

2.2.2 Issues

None

2.3 Logistics Section

Not applicable

2.4 Finance Section

2.4.1 Narrative

Not applicable.

2.5 Other Command Staff

2.5.1 Safety Officer

Not applicable

2.6 Liaison Officer

Not applicable

2.7 Information Officer

2.7.1 Public Information Officer

2.7.2 Community Involvement Coordinator

A Community Meeting is tentatively planned for March 2012.

3. Participating Entities

3.1 Unified Command

Indiana Department of Environmental Management

Indianapolis Department of Public Works

Pike Township Fire Department

City of Indianapolis

3.2 Cooperating Agencies
Marion County Health Department

4. Personnel On Site

START Contractor
Trihydro
Midwest (subcontractor to Trihydro)
EQ (subcontractor to Trihydro)
Roger Ward Engineering (subcontractor to Trihydro)
AVS (subcontractor to Trihydro)

5. Definition of Terms

ASAO – Administrative Settlement Agreement on Consent
ERRS – Emergency and Rapid Response Services
IDEM – Indiana Department of Environmental Management
OSC – On-Scene Coordinator
POLREP – Pollution Report
PRP - Potentially Responsible Party
QMP - Quality Management Plan
RCRA – Resource Conservation and Recovery Act
START – Superfund Technical Assessment and Response Team
U S. EPA – United States Environmental Protection Agency

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, please refer to the US EPA lead removal action website at www.epaosc.org/esl

6.2 Reporting Schedule

The next POLREP will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to the documents section at www.epaosc.org/esl





